CMT-LX40i/LX20i



# WARNING

# To reduce the risk of fire or electric shock, do not expose this apparatus to rain or

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus. Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

Do not expose batteries or apparatus with batteryinstalled to excessive heat such as sunshine, fire or the

Excessive sound pressure from earphones and headphones can cause hearing loss

The use of optical instruments with this product will increase eye hazard.

# This appliance is classified



as a CLASS 1 LASER product. This marking is located on the rear

# U.S.A. and Canada



of electric shock to persons This symbol is intended to alert the user to the presence of important operating and maintenance (servicing)

This symbol is intended to alert the

user to the presence of uninsulated

"dangerous voltage" within the



the unit. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. Serial No.

# Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives.

(Applicable in the European **Union and other European** countries with separate collection systems)

\* CMT-LX40i: DAB AUTO SCAN button

CMT-LX20i: PLAY MODE/TUNING MODE button

This manual mainly explains operations using the

Slide and remove the battery compartment lid, and

insert the two R6 (size AA) batteries (supplied only with

CMT-LX40i), • side first, matching the polarities shown

• With normal use, the batteries should last for about six months.

Do not mix an old battery with a new one or mix different types of

• If you do not use the remote for a long period of time, remove the

• Batteries installed devices shall not be exposed to excessive heat such

batteries to avoid damage from battery leakage and corrosion.

To use the remote

Notes on using the remote

as sunshine, fire or the like.

remote, but the same operations can also be performed

using the buttons on the unit having the same or similar

that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the

Applicable accessories: Remote commander



(applicable in the European

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

# **Note on DualDiscs**

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not

# Music discs encoded with copyright protection technologies

This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be

# **License and Trademark Notice**

- and other countries.
- •MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- $\bullet$  All other trademarks and registered trademarks are of their respective holders. In this manual, TM and ® marks are not specified.

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses given in separate service or guarantee documents.



Disposal of Old Electrical & **Electronic Equipment** 

This symbol on the product or on its packaging indicates health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed



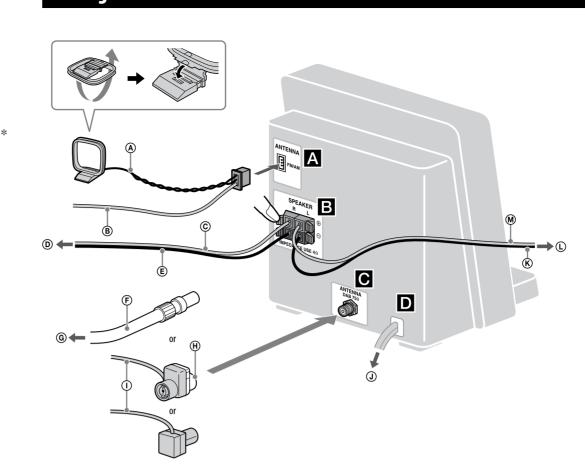
 Disposal of waste batteries Union and other European countries with separate collection systems)

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

playable by this product.

- iPod is a trademark of Apple Inc., registered in the U.S.

# **Getting Started**



AM loop antenna B FM lead antenna (Extend it horizontally.) © Speaker cord (Red/⊕)

(D) To right speaker **(E)** Speaker cord (Black/⊖) (F) 75-ohm coaxial cable with F male type connector

(CMT-LX40i only) (not supplied) © To DAB external antenna (CMT-LX40i only) (not supplied) (H) Connect white side

① DAB lead antenna (Extend it horizontally.) (CMT-LX40i only) J To wall outlet **(**Speaker cord (Black/⊖)

(L) To left speaker M Speaker cord (Red/⊕)

# **A** Antennas

Find a location and an orientation that provide good reception, and then set up the antenna Keep the antennas away from the speaker cords and the power cord to avoid picking up noise.

# **B** Speakers

Insert only the stripped portion of the cord.

# C DAB Antenna (CMT-LX40i only)

With a DAB external antenna (not supplied), you can obtain higher DAB broadcast sound quality. We recommend that you use the supplied DAB lead antenna only temporarily until you install a DAB external

Before unplugging the DAB antenna, make sure the system is turned off to preserve your own DAB settings.

# **D** Power

Connect the power cord to a wall outlet. If the plug does not fit the wall outlet, detach the supplied plug adaptor (only for models equipped with an adaptor).

### To use the iPod

Insert an iPod Dock Adapter into the Dock 15 before use. For details on the iPod Dock Adapters, refer to the instructions supplied with the Dock Adapters

To remove the iPod Dock Adapter,

pull it up with your fingernail or a flat object using the slot inside the adapter. iPod Dock Adapte



The iPod Dock Adapter is not supplied with the system. Use an iPod

### To adjust the volume Press VOLUME +/- 13.

To connect an optional headphones Connect headphones to the PHONES jack 16 on the

# To set the clock

Use buttons on the remote to set the clock.

**1** Press  $I/\bigcirc$  (power) **1** to turn on the system. 2 Press TIMER MENU 18 to select the clock set mode. If "PLAY SET" flashes, press ◆/♥ 21 repeatedly to

select "CLOCK," and then press  $\oplus$  (enter)  $\boxed{7}$ .

- 3 Press **↑/**♥ 21 repeatedly to set the hour, then press
- 4 Use the same procedure to set the minutes.

# The clock settings are lost when you disconnect the power cord or if a

To display the clock when the system is off Press DISPLAY 24. The clock is displayed for about 8

### Reception of DAB radio station (CMT-LX40i only)

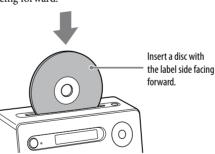
When you turn on the system for the first time after you purchase the system, DAB Automatic Scan starts automatically and creates a list of available services. During the DAB Automatic Scan, "\*\*\*\*" appears. Do not press any button on the unit or the remote during DAB Automatic Scan. Scanning is interrupted and service list may not be created properly. To run the DAB Automatic Scan manually, perform the procedure of "Running the DAB Automatic Scan manually" in "Listening to the radio." If you have moved to another area, perform the DAB Automatic Scan manually and re-register the contents of broadcasts.

# perations

# Playing a CD/MP3 disc

- 1 Select the CD function.
- Press FUNCTION +/— 9 repeatedly.
- 2 Insert a disc.

Insert a disc in the disc slot 4 with the label side facing forward



 When you turn on the system, the disc is not pulled into the disc slot 4 until "NO DISC" appears in the display. Do not attempt to push in the disc until "NO DISC" appears. Do not insert a disc with non-standard shapes (e.g., heart. square, star). The disc may fall into the system and cause

appears in the disc slot 4, do not simply push in the disc. Remove the disc from the disc slot 4 and then reinsert it. Do not turn off the system with a disc halfway inserted in the disc

 Do not use a disc with tape, seals or paste on it as this may cause • When you eject a disc, handle the disc by its edge. Do not touch the • Do not push a disc into the disc slot 4 when the system is off.

slot 4. Doing so may cause the disc to fall.

Doing so may cause the system to malfun • Do not insert an 8 cm disc with an adaptor. Doing so may cause the

Press ► (play) (or ► II (play/pause) on the unit)

3 Start playback.

Press **II** (pause) (or **►II** on the unit) Pause playback 8. To resume playback, press the button again **■** (stop) **8**.

Stop playback Select a folder on an (select folder) +/- 6 MP3 disc 

Find a point in a

forward) 6 during playback, and track or file release the button at the desired Select Repeat Play

REPEAT 23 repeatedly until "REP" or "REP1" appears. **△** (eject) **5** on the unit. Eject a disc

Hold down ◀◀/▶▶ (rewind/fast

# To change the play mode

Press PLAY MODE 11 repeatedly while the player is stopped. You can select normal play ("a" for all MP3 files in the folder on the disc), shuffle play ("SHUF" or " SHUF\*" for folder shuffle), or program play ("PGM"). \* When playing a CD-DA (audio) disc, (SHUF) Play performs the

• All tracks or files on a disc are played repeatedly up to five times. • "REP1" indicates that a single track or file is repeated until you stop

**Notes on Repeat Play** 

same operation as normal (SHUF) Play.

Note on shuffle play mode When you turn off the system, the selected shuffle play mode ("SHUF" or " SHUF") is cleared and the play mode returns to normal play

• Do not save other types of tracks or files or unnecessary folders on a disc that has MP3 files.

• Folders that have no MP3 files are skipped. •MP3 files are played back in the order that they are recorded onto

• The system can only play MP3 files that have a file extension of • Even when file name has the ".mp3" file extension, if the actual file differs, playing this file may generate a loud noise which could damage the speaker system and the system may malfunction.

• The maximum number of: -folders is 150 (including the root folder).

-MP3 files is 255. -MP3 files and folders that can be contained on a single disc is 256. -folder levels (the tree structure of files) is 8.

 Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play

# Notes on playing multisession discs

•If the disc begins with a CD-DA (or MP3) session, it is recognized as a CD-DA (or MP3) disc, and playback continues until another  ${}^{\bullet}\text{A}$  disc with a mixed CD format is recognized as a CD-DA disc.

# Listening to the radio

Note that the DAB tuning and reception of RDS services are only available for CMT-LX40i.

1 Select "DAB," "TUNER FM" or "TUNER AM." Press FUNCTION +/— 9 repeatedly.

**2** Perform tuning.

# For automatic scanning

Press TUNING MODE 11 repeatedly until "AUTO" appears, and then press +/- (or TUNE +/- on the unit) **6**. Scanning stops automatically when a station is tuned in, and "TUNED" and "STEREO" (for stereo programs only) appear.



When tuning in an FM or AM station, If "TUNED" does not appear and the scanning does not stop, press ■ 8 to stop scanning, then perform manual tuning

When you tune in a DAB station or an FM station that provides RDS services, the service name or station

### name appears on the display. For manual tuning (FM/AM band only)

Press TUNING MODE 11 repeatedly until "MANUAL" appears, and then press +/- (or TUNE +/— on the unit) 6 repeatedly to tune in the desired

# Notes on DAB stations

• When tuning in a DAB station, it may take a few seconds before you

Primary service is automatically received when secondary service

• This tuner does not support data services.

o reduce static noise on a weak FM stereo station, press FM MODE 23 repeatedly until "MONO" appears to turn off stereo rece

# Running the DAB Automatic Scan manually

1 Press DAB AUTO SCAN 11 on the unit to start the DAB Automatic Scan. "AUTO SCAN?" and "PUSH ENTER" appear.

2 Press (+) (or ENTER on the unit) 7 to perform Scanning begins. The scanning progress is indicated

by advancing asterisks (\*\*\*\*). Depending on the DAB services available in your area, scanning may take a few minutes.



When scanning is complete, a list of available services

If your country or region does not support DAB broadcast,

"NO SERV" appears • This procedure clears all previously stored presets Before unplugging the DAB antenna, make sure the system is turned off to preserve your own DAB settings.

# **Presetting radio stations**

Use buttons on the remote to preset stations.

Tune in the desired station.

is created.

2 Press TUNER MEMORY 22 to select the tuner memory mode

TUNED STEREO

Preset number

3 Press +/- 6 repeatedly to select the desired preset If another station is already assigned to the selected

preset number, the station is replaced by the new

station.

**4** Press  $\oplus$  **7** to store the station. **5** Repeat steps 1 through 4 to store other stations. You can preset up to 20 DAB, 20 FM and 10 AM stations. The preset stations are retained for about half a day even if you disconnect the power cord or if a

power failure occurs. **6** To call up a preset radio station, press TUNING MODE 11 repeatedly until "PRESET" appears, and then press +/- **6** repeatedly to select the desired

### preset number. Note on presetting DAB stations

You can preset a DAB service only when it can be received.

# Micro HI-FI

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http://www.sony.net/

4-131-630-**13**(1)

### **Important Safety Instructions** 1) Read these instructions.

- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions. 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth. 7) Do not block any ventilation openings. Install in
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

accordance with the manufacturer's instructions.

or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. 11) Only use attachments/accessories specified by the

damaged in any way, such as power-supply cord or

plug is damaged, liquid has been spilled or objects

been exposed to rain or moisture, does not operate

have fallen into the apparatus, the apparatus has

applies only to the version of this

model manufactured for sale in

This equipment has been tested and found to comply

with the limits for a Class B digital device, pursuant

to provide reasonable protection against harmful

to Part 15 of the FCC Rules. These limits are designed

interference in a residential installation. This equipment

generates, uses and can radiate radio frequency energy

and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio

communications. However, there is no guarantee that

interference will not occur in a particular installation. If

this equipment does cause harmful interference to radio

turning the equipment off and on, the user is encouraged

to try to correct the interference by one or more of the

- Increase the separation between the equipment and

- Connect the equipment into an outlet on a circuit

Consult the dealer or an experienced radio/TV

You are cautioned that any changes or modifications

not expressly approved in this manual could void your

different from that to which the receiver is connected.

- Reorient or relocate the receiving antenna.

or television reception, which can be determined by

the U.S.A. Other versions may

not comply with FCC technical

10) Protect the power cord from being walked on

bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to

avoid injury from tip-over.

normally, or has been dropped.

regulations.

following measures:

technician for help.

authority to operate this equipment.

**CAUTION** 

NOTE:

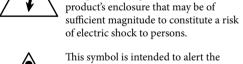
The following FCC statement

12) Use only with the cart, stand, tripod,

manufacturer.

13) Unplug this apparatus during lightning storms or Except for customers in the U.S.A. when unused for long periods of time. 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been

# Notice for the customers in the

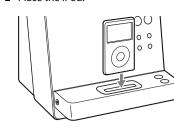


instructions in the literature accompanying the appliance.

# Owner's Record

# Playing the iPod

- 1 Select the iPod function.
- Press FUNCTION +/— 9 repeatedly.
- 2 Place the iPod.



- 3 Start playback.
- Press  $\blacktriangleright$  (or  $\blacktriangleright$  on the unit)  $\boxed{8}$

### To control the iPod

You can control your iPod with the following buttons on

То	Press
Pause playback	II (pause) (or ►II (play/paus
	on the unit) $\boxed{8}$ or $\boxed{6}$ (stop) $\boxed{8}$
Scroll up/down the	<b>★/▼ 21</b> . You can scroll up or
iPod menus	down the iPod menus much lik
	the Click Wheel operations of
	the iPod or the drag up-or-dow
	operations of the iPod touch.
Select a track	I◀◀/▶▶I (go back/go forward
or chapter of	6. To fast-forward or fast-
audiobook/podcast	rewind, hold down the button.
Choose the selected	→ 21/⊕ (enter) (or ENTER or
item	the unit) 7. You can choose th
	selected item much like the cen
	button on the iPod or the touch
	operation of the iPod touch.
Find a point in a	Hold down ◀◀/▶▶ (rewind/

fast forward) 6 during playback,

the iPod or the touch operation

and release the button at the

### desired point ◆ 21/TOOL MENU 19/6 Return to the previous menu or (return) 20. You can return to the select a menu previous menu or select a menu much like the Menu button on

track or chapter of

audiobook/podcast

of the iPod touch To use the system as a battery charge

You can use the system as a battery charger for the iPod

The charging begins when the iPod is placed on the unit's connector. The charging status appears in the iPod display. For details, see the user's guide of your iPod.

### To stop charging the iPod Remove the iPod.

when the system is on.

- When placing or removing the iPod, handle the iPod in the same angle as that of the iPod connector on the unit and do not twist or sway the iPod to prevent connector damage
- Do not carry the unit with an iPod set on the connector. Doing so When placing or removing the iPod, brace the unit with one hand
- and take care not to press the controls of the iPod by mistake. Before disconnecting the iPod, pause playback.
- While playing video, you cannot use ◀◀/▶▶ 6. You can fast
- rewind (fast forward) by holding down | ◀◀ /▶▶ | 6 ● To change the volume level, use VOLUME +/— 13. The volume level
- does not change even if adjusted on the iPod.
- This system is designed for iPod only. You cannot connect any other portable audio players
- To use an iPod, refer to the user's guide of your iPod • Sony cannot accept responsibility in the event that data recorded to
- iPod is lost or damaged when using an iPod with this system.

# Creating your own program (Program Play)

Use buttons on the remote to create your own program.

- Select the CD function.
- Press FUNCTION +/— 9 repeatedly
- **2** Select the play mode. Press PLAY MODE 11 repeatedly until "PGM"
- appears while the player is stopped.
- **3** Select the desired track or file number.
- Press | 6 repeatedly until the desired track or file number appears.
- When programming MP3 files, press -+-6repeatedly to select the desired folder, and then select

# Selected track or file number



- 4 Program the selected track or file.
- Press ① T to enter the selected track or file.
- 5 Repeat steps 3 through 4 to program additional tracks or files, up to a total of 25 tracks or files.
- **6** To play your program of tracks or files, press ► 8. The program remains available until you remove the disc. To play the same program again, select the CD function, and then press **8**.

### To cancel Program Play

Press PLAY MODE 11 repeatedly until "PGM" disappears while the player is stopped.

Press CLEAR 17 while the player is stopped.

To delete the last track or file of the program

To view program information, such as total track number of the program

Press DISPLAY 24 repeatedly.

# Using optional audio components

- **1** Prepare the sound source.
- Connect additional audio component to the AUDIO IN jack 14 on the unit using an audio analog cord (not supplied).
- 2 Turn down the volume.
- Press VOLUME 13. 3 Select the AUDIO IN function. Press FUNCTION +/- 9 repeatedly.
- 4 Start playback
- Start playback of the connected component and adjust
- 5 Adjust the volume. Press VOLUME +/- 13.

# Adjusting the sound

То	Press
Generate a more dynamic sound (Dynamic Sound Generator X-tra)	DSGX 12 on the unit.
Set the sound effect	EQ [12].

# Changing the display

То	Press
Change	DISPLAY 24 repeatedly when the
information on the	system is on.
display <sup>1)</sup>	•
Check the clock	DISPLAY 24 when the system is
when the system	off2). The clock is displayed for 8
is off.	seconds.

- 1) For example, you can view CD/MP3 disc information, such as:
- track or file number during normal play. —track or file name ("√") during normal play
- —artist name ("♣") during normal play.
- -album or folder name ("") during normal play.
- -total playing time while the player is stopped. volume label if it exists on the disc.
- You can also view DAB station information (CMT-LX40i only) such as the service name, channel label, preset number, frequency, DLS (Dynamic Label Segment), or ensemble label.
- 2) The STANDBY indicator 2 on the unit lights up when the system is

# Notes on the display information

- Characters that cannot be displayed appear as "\_". • The following are not displayed:
- -total playing time for an MP3 disc.
- remaining playing time for an MP3 file.
- The following are not displayed correctly: -elapsed playing time of an MP3 file encoded using VBR (variable
- -folder and file names that do not follow either the ISO9660 Level 1, Level 2 or Joliet in the expansion format.
- The following are displayed;
- -total playing time for a CD-DA disc during normal play.
- -remaining playing time for a track.
- -remaining playing time of a current CD-DA disc during normal -ID3 tag information for MP3 files when ID3 version 1 and
- version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a -up to 15 characters of ID3 tag information using uppercase letters
- (A to Z), numbers (0 to 9), and symbols (" % '( ) \* + , . / < = >

# Note on the DAB display information (CMT-LX40i only)

The following is also displayed; -up to 8 characters of service name, up to 128 characters of DLS (Dynamic Label Segment) and up to 16 characters of ensemble label using uppercase letters (A to Z), numbers (0 to 9), and ymbols (" \$ % ' ( ) \* + , - . / < = > @ [ \ ] \_ ` { | } ! ? ^).

# Using the timers

The system offers two timer functions. If you use both timers, the Sleep Timer has priority.

### Sleep Timer: You can fall asleep to music. This function works even if

the clock is not set. Press SLEEP 10 repeatedly. If you select "AUTO," the system automatically turns off after the current disc stops

You can wake up to CD, tuner or iPod at a preset time. Make sure you have set the clock. Use buttons on the remote to use the Play Timer functions.

- 1 Prepare the sound source.
- Prepare the sound source, and then press VOLUME +/- 13 to adjust the volume To start from a specific CD track or audio file, create
- your own program. **2** Select the timer set mode.
- Press TIMER MENU 18.
- 3 Set the play timer Press ♠/♣ 21 repeatedly to select "PLAY SET," then press (+) 7.
- "ON TIME" appears, and the hour indication flashes.
- 4 Set the time to start playback. Press ◆/◆ 21 repeatedly to set the hour, then press
- (+) [7]. The minute indication flashes. Use the procedure above to set the minutes. "OFF TIME" appears and the
- hour indication flashes in the display. 5 Use the same procedure as in step 4 to set the time to stop playback.
- **6** Select the sound source.
- Press ♠/♥ 21 repeatedly until the desired sound source appears, then press  $\oplus$  **7**. The display shows the timer settings.
- **7** Turn off the system.
- Press I/ (1) 1. The system turns on 15 seconds before
- If the system is on at the preset time, the Play Timer will not play. Do not operate the system from the time the system turns on until the playback starts.

### Move the system away from sources of noise.

- 1 Press TIMER MENU 18
- "SELECT" flashes in the display.
- **2** Press ⊕ **7**. 3 Press ◆/◆ 21 repeatedly to select "PLAY SEL," then

To check the setting

press 🕀 7 To cancel the timer

Repeat the same procedure as above until "OFF" appears in step 3, and then press  $\oplus$   $\boxed{7}$ .

### To change the setting Start over from step 1.

Notes for the iPod user • Make sure the iPod is not playing when using the Play Timer. • The Play Timer may not be activated depending on the status of the

The Play Timer setting remains as long as the setting is not cancelled

# **Troubleshooting**

If the STANDBY indicator flashes

• Are you using only the supplied speakers?

After the STANDBY indicator 2 stops flashing,

reconnect the power cord, and turn on the system. If

the issue persists, contact your nearest Sony dealer.

• Are the + and — speaker cords short-circuited?

• Is anything blocking the ventilation holes on the top or

• The specified station may have temporarily stopped

The STANDBY indicator 2 remains lit after

immediately after unplugging the power cord. This

is not a malfunction. The indicator will turn off after

Sound comes from one channel, or the left and

• The STANDBY indicator 2 may not turn off

• Place the speakers as symmetrically as possible.

• Connect the system to a different wall outlet.

• Install a noise filter (available separately) to the power

Remove any obstacles between the remote and the

The sound skips, or the disc will not play.

Play does not start from the first track.

Move the system to a location away from vibration (for

Move the speakers away from the system, or place them

on separate stands. At high volume, speaker vibration

• Return to Normal Play by pressing PLAY MODE 11

Starting playback takes more time than usual.

-a disc recorded with a complicated tree structure.

a disc recorded in multisession mode.

The system does not eject the disc and

Contact your Sony dealer or local authorized Sony

Severe hum or noise, or stations cannot be

received. ("TUNED" or "STEREO" flashes on the

• Find a location and an orientation that provide good

• Keep the antennas away from the speaker cords and the

"TUNED" does not appear in the display (DAB

• Check all antenna connections, then perform the DAB

Automatic Scan procedure (see "Reception of DAB

• The current DAB service may not be available. Press

If you have moved to another area, some services/

Perform the DAB Automatic Scan procedure to

procedure clears all previously stored presets.)

+/- (or TUNE +/- on the unit) 6 to select a different

frequencies may have changed and you may not be able

re-register the contents of broadcasts. (Performing this

reception, and then set up the antenna again.

power cord to avoid picking up noise.

Turn off nearby electrical equipment.

radio station (CMT-LX40i only)").

to tune into your usual broadcast

• The following discs can increase the time it takes to start

-a disc that has not been finalized (a disc to which data

repeatedly until both "PGM" and "SHUF" disappear

remote sensor 3 on the unit, and position the unit

• Are you using only the supplied speakers?

• Is the iPod connector short-circuited?

The system does not turn on.

unplugging the power cord.

right volumes are unbalanced.

Connect only the supplied speakers

The remote does not function.

• Point the remote at the system's sensor.

Move the remote closer to the system.

• Wipe the disc clean, and replace it.

example, on top of a stable stand).

may cause the sound to skip.

away from fluorescent lights.

CD/MP3 player

playback:

can be added).

"LOCKED" appears.

service facility.

display.)

a disc that has many folders.

Connect the antenna properly.

• Is the power cord plugged in?

There is no sound.

back of the system?

about 40 seconds.

Severe hum or noise.

selector set to the correct voltage?

following items.

General

or back of the system?

- 1 Make sure the power cord and speaker cords are correctly and firmly connected
- 2 Find your problem in the checklist below, and take the indicated corrective action

If the issue persists, contact your nearest Sony dealer.

Immediately unplug the power cord, and check the

• If your system has a voltage selector, is the voltage

• Is anything blocking the ventilation holes on the top

# The sound is distorted.

• Turn down the volume

There is no sound.

Adjust the volume.

• Set the "EQ" setting of the iPod to "Off" or "Flat."

### The remote does not function.

 Make sure the iPod is updated with the latest software. If not, update the iPod before using with the system.

# The iPod cannot be charged.

Make sure the iPod is connected securely

Make sure the iPod is connected securely.

Make sure the iPod is playing music

• You can use the system as a battery charger for iPod only when the system is on.

# "OVER CURRENT" appears.

• A problem has been detected with the level of electrical current from the iPod connector. Turn off the system and remove the iPod from the iPod connector. Make sure there is no problem with the iPod. If this display pattern persistes, contact your nearest Sony dealer.

### To change the AM tuning interval (CMT-LX20i only)

The AM tuning interval is factory-preset to 9 kHz (or 10 kHz for some areas). Use buttons on the unit to change the AM tuning interval.

- 1 Tune in any AM station, and then turn off the
- Press DISPLAY 24 to display the clock. 3 While holding down ►► 6, press I/ 1. All the AM preset stations are erased. To reset the

# interval to the factory preset, repeat the procedure.

To improve disc loading performance Turn on the CD player power using the CD power management function. By default, the CD player power is turned off.

- Use buttons on the unit to turn on the CD player power. 1 Press FUNCTION +/— 9 repeatedly to select the CD
- 2 Press I/ (1) 1 to turn off the system.
- **3** After "STANDBY" stops flashing, press DISPLAY 24 to display the clock and then press  $I/\bigcirc 1$  while holding down ■ 8.
- power on, decreases disc access time and improves oading performance If there is poor tuner reception when the CD player power is turned on, return the setting to default. To

"CD POWER ON" appears. Turning the CD player

turn off the CD player power, repeat the procedure

# until "CD POWER OFF" appears.

To reset the system to factory settings If the system still does not operate properly, reset the system to factory settings.

- Use buttons on the unit to reset the unit to its factory default settings 1 Disconnect and reconnect the power cord, and then
- turn on the system. 2 Hold down ■ 8 and ENTER 7, and press I/ ( 1. All user-configured settings, such as preset radio stations, timer, and the clock, are deleted.

# Messages

**COMPLETE:** The preset operation ended normally. **FULL:** You tried to program more than 25 tracks or files

**LOCKED:** The system does not eject the disc. Contact your nearest Sony dealer.

**NO DISC:** There is no disc in the player, or you have loaded a disc that cannot be played. **NoPRESET (DAB only):** There is no stored preset station.

**NO SERV (DAB only):** There is no supported DAB broadcast in your country or region. **NO STEP:** All of the programmed tracks have been

**No TEXT (DAB only):** There is no text information in the received service.  ${\bf NOT}$   ${\bf USED:}$  You pressed an invalid button. **OVER:** You have reached the end of the disc while pressing **\rightarrow 6** during playback or pause.

**PUSH STOP:** You pressed PLAY MODE [11] during playback. **READING:** The system is reading information from the disc. Some buttons are not available.

**TIME NG:** The Play Timer start and end times are set to

### Display examples

۲	2 (two)
<u>6</u> <u>5</u> 8	5 (five)
5	6 (six)
8	8 (eight)
171   <u> </u>	0 (zero)
# # 5 H	A
$\overline{B}$	В
$\overline{I}$	D
5	G
H	Н
K	K
14 1 1	M
	0
	Q
R	R
K M D R S Z	S
7	Z
1	! or
·/	"
<u> 5</u>	\$
11	%
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Ú	?
ਹ	@

### **Precautions**

- CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level
- CD-R/CD-RW of poor recording quality, CD-R/ CD-RW that have scratches or are dirty, or CD-R/CD-RW recorded with an incompatible recording device
- Discs containing files other than MPEG 1 Audio Layer-3 (MP3) files
- square, star) Discs that have adhesive tape, paper, or sticker attached
- extends beyond the seal

# Notes on discs

- the center out to the edge
  - static spray intended for vinyl LPs. • Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in

- from the wall outlet (mains) if it is not going to be used for an extended period of time. When unplugging the unit, always grip the plug. Never pull the cord itself.
- service shop.

vibration, direct sunlight or a bright light.

• Be careful when placing the unit or speakers on

with wax, oil, polish) as staining or discoloration of the surface may result location or is placed in a very damp room, moisture may condense on the lens inside the CD player, and cause the system to malfunction. In this situation

# On heat buildup

- Heat buildup on the unit during operation is normal
- and is not cause for alarm. • Do not touch the cabinet if it has been used
- Do not obstruct the ventilation holes.

isplay	indicates	
<u>)</u>	2 (two)	
7	5 (five)	
- )	6 (six)	
3	8 (eight)	
71 _J	0 (zero)	
7	A	
8	В	
Ţ	D	
8 D 	G	
1	Н	
(	K	
	M	
]	0	
	Q	
7	R	
- )	S	
7 7 7 7 7 7	Z	
!	! or	

# Discs that this system CAN play

• CD-R/CD-RW (audio data/MP3 files)

# Discs that this system CANNOT play

- 1/Level 2, Joliet
- CD-R/CD-RW recorded in multisession that have not ended by "closing the session"
- CD-R/CD-RW which is finalized incorrectly
- Discs of non-standard shape (for example, heart,
- to them • Rental or used discs with attached seals where the glue

# • Discs that have labels printed using ink that feels tacky

- Before playing, wipe the disc with a cleaning cloth from
- Do not clean discs with solvents, such as benzine thinner, or commercially available cleaners or anti-

# direct sunlight.

- Completely disconnect the power cord (mains lead)
- unplug the system, and have it checked by qualified personnel before operating it again. AC power cord must be changed only at a qualified

• Should any solid object or liquid get into the system,

# On placement

• Do not place the system in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to

surfaces that have been specially treated (for example,

• If the system is brought directly from a cold to a warm remove the disc, and leave the system turned on for about an hour until the moisture evaporates.

- continuously at a high volume because the cabinet may have become hot.

If there is no improvement, move the speakers far away from the TV. Cleaning the cabinet Clean this system with a soft cloth slightly moistened

with a mild detergent solution. Do not use any type

of abrasive pad, scouring powder, or solvent, such as

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

(CMT-LX20i The United States model only) With 4 ohm loads, both channels driven, from 120 - 10,000 Hz; rated 25 watts

per channel minimum RMS power, with no more than 10% total harmon

AUDIO IN (stereo mini jack): Voltage 775 mV, impedance 22 kilohms

\* This output is the value measurement at a distance of 200mm from the objective lens surface on the Optical Pick-up Block with 7mm aperture.

Frequency

209.936 MHz

211.648 MHz

213.360 MHz

215.072 MHz

216.928 MHz

218.640 MHz

220.352 MHz

222.064 MHz

223.936 MHz

225.648 MHz

227.360 MHz

229.072 MHz

230.784 MHz

232.496 MHz

234.208 MHz

235.776 MHz

237.488 MHz

239.200 MHz

Label

10B

11A

11B

11D

12A

12C

13A

13B

13D

13E

**Outputs**PHONES (stereo mini jack): accepts headphones with an impedance of

This speaker system is not magnetically shielded, and

the picture on nearby TV sets may become magnetically

distorted. In this situation, turn off the TV, wait 15 to 30

On the speaker system

minutes, and turn it back on.

thinner, benzine, or alcohol.

Specifications

AUDIO POWER SPECIFICATIONS

4 + 4 watts (4 ohms at 1 kHz, DIN)

+ 4 watts (4 ohms at 1 kHz, DIN)

Music power output (reference): 9 + 9 watts

SPEAKER: accepts impedance of 4 ohms

vstem: Compact disc and digital audio system

Amplifier section

10% THD)

10% THD)

CD player section

Laser Diode Properties

Emission Duration: Con

Laser Output\*: Less than 44.6µW

Frequency response: 20 Hz - 20 kHz

Signal-to-noise ratio: More than 90 dB Dynamic range: More than 90 dB

DAB tuner section (CMT-LX40i only):

Antenna terminal: 75 ohms, F female

Antenna: DAB lead antenn

DAB frequency table (Band-III)

Frequency

176.640 MHz

178.352 MHz

180.064 MHz

181.936 MHz

183.648 MHz

185.360 MHz

187.072 MHz

188.928 MHz

190.640 MHz

192.352 MHz

195.936 MHz

197.648 MHz

201.072 MHz

202.928 MHz

206.352 MHz

208.064 MHz

FM tuner section

AM tuner section:

CMT-LX20i:

Band-III: 174.928 (5A) — 239.200 (13F) MHz

Label

6A

6D

8B

9A

9D

FM stereo, FM/AM superheterodyne tuner

Antenna: FM lead antenna

CMT-LX40i: 531 — 1,602 kHz (9 kHz step)

530 - 1.710 kHz (10 kHz step

531 - 1,710 kHz (9 kHz step)

Intermediate frequency: 450 kHz

Antenna: AM loop antenn

Intermediate frequency: 10.7 MHz

CMT-LX40i: 87.5 - 108.0 MHz (50 kHz step)

CMT-LX20i: 87.5 — 108.0 MHz (100 kHz step)

Frequencies are displayed to two decimal places on this system

DIN power output (rated

# iPod touch 2nd

generation

iPod nano 3rd

generation

(video)

iPod 5th

generation

(video)

iPod 4th

(video)

















iPod mini

# generation

Speaker system: Full-range, bass-reflex, 80 mm, cone type Rated impedance: 4 ohms Dimensions (w/h/d): Approx.  $130 \times 221 \times 135$  mm Mass: Approx. 0.7 kg net per speake

### CMT-LX40i: 230 V AC, 50/60 Hz CMT-LX20i: 120 V AC, 60 Hz

Power consumption: 25 watts

Dimensions (w/h/d) (excl. speakers): Approx.  $200 \times 221 \times 205$  mm Mass (excl. speakers): Approx. 2.2 kg Supplied accessories: Remote Commander (1), R6 (Size AA) batteries (2) (CMT-LX40i only), FM lead/AM loop antenna (1), DAB lead antenna (1)

Design and specifications are subject to change without notic

Halogenated flame retardants are not used in the certain printed wiring

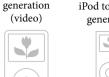


















iPod 4th generation

(color display)